POTASH & PHOSPHATE INSTITUTE

EXPORT SALES - NORTH AMERICAN PRODUCERS - (SHORT TONS K2O)

CALENDAR YEAR 1989

AGRICULTURAL	STANDARD	COARSE	GRANULAR	SOLUBLE	SULPHATES	TOTAL
Argentina	0	2,467	3,369	0	1,053	6,889
Australia	5,723	24,310	148,855	0	5,673	184,561
Bangladesh	41,964	0	0	0	0	41,964
Belgium	0	0	13,648	0	0	13,648
Belize	0	0	1,843	0	102	1,945
Brazil	350,058	182,900	264,306	0	598	597,862
Chile	69,316	1,646	0	0	10,729	81,691
China	574,887	0	10,051	0	26,526	611,464
Colombia	40,607	27,730	19,102	0	1,993	89,432
Costa Rica	21,758	667	6,598	0	6,250	35,273
Denmark	63,809	0	0	0	0	63,809
Dom. Republic	3,701	336	29,993	13	1,287	35,330
Ecuador	7,005	3,972	0	0	727	11,704
France	60,644	0	0	0	0	60,644
French Guiana	297	0	0	0	97	394
Guatemala	6,799	0	6,917	0	0	13,716
Holland	0	0	28,326	0	0	28,326
Honduras	5,066	0	0	0	485	5,551
India	168,638	0	0	3,579	0	172,217
Indonesia	79,638	0	0	0	0	79,638
Ireland	0	0	2,719	0	0	2,719
Italy	808	0	0	0	0	808
Jamaica	0	4,172	4,524	0	0	8,696
Japan	163,571	54,027	71,886	90,971	32,503	412,958
Korea	258,212	0	0	0	0	258,212
Malaysia	214,185	0	0	0	0	214,185
Martinique	463	0	1,190	0	0	1,653
Mexico	51,266	0	0	0	15,874	67,140
New Zealand	55,148	15,709	24,088	720	202	95,867
Nigeria	28,995	0	0	0	0	28,995
Norway	10,692	0	0	0	0	10,692
Panama	0	0	1,414	0	282	1,696
Peru	15,263	0	0	0	9,304	24,567
Philippines	35,382	0	0	0	0	35,382
Puerto Rico	0	6,522	0	0	297	6,819
South Africa	7,822	0	7,531	0	0	15,353
Spain	0	0	3,982	0	0	3,982
Sri Lanka	36,212	0	0	0	266	36,478
Switzerland	131,491	0	10,616	0	0	142,107
Taiwan	59,650	0	0	3,612	60	63,322
Thailand	9,136	0	0	0	969	10,105
Venezuela	13,889	0	16,859	0	5,787	30,535
TOTAL AG:	2,392,095	324,458	671,817	98,895	121,064	3,608,329
NON-AGRICULTURAL						
Argentina	101	-	-	0	0	101
Australia	0	-	-	0	71	71
Italy	0	-	-	25,826	0	25,826
Japan	1,804	-	-	59,217	0	61,021
Korea	1,198	-	-	29,515	0	30,713
Mexico	4,656	-	-	0	75	4,731
New Zealand	48	-	-	0	0	48
Pakistan	38	-	-	0	0	38
Puerto Rico	9	-	-	0	0	9
Sweden	635	-	-	0	0	635
Taiwan	624	-	-	8,281	0	8,905
United Kingdom	526	-	-	0	0	526
TOTAL NON-AG:	9,639	-	-	122,839	146	132,624
TOTAL EXPORTS	2,401,734	324,458	671,817	221,734	121,210	3,740,953

POTASH & PHOSPHATE INSTITUTE
QUARTERLY REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES
BY U. S. PRODUCERS
(Short Tons K2O)

OCTOBER DECEMBER QUARTER, 1989 & 1988

	PRODUCTION		ENDING INVENTORY, December 31				DISAPPEARANCE	
	1989	OCT-DEC 1988	MINE SITE	OFFSITE	1989	1988	1989 OCT-DEC	1988
MURIATE								
Standard	122,694	153,853	91,640	(243)	91,397	106,875	119,743	119,479
Chemical	3,250	3,481	1,229	-	1,229	1,672	2,789	2,848
Coarse	37,815	40,502	20,975	-	20,975	20,543	39,463	36,526
Granular	206,336	147,574	109,046	10,425	119,471	64,004	163,965	124,619
Soluble	5,146	9,827	5,766	-	5,766	7,622	8,144	10,164
Sulphates	116,859	66,780	78,351	16,772	95,123	64,305	96,165	51,462
TOTAL	492,100	422,017	307,007	26,954	333,961	265,021	430,269	345,098

	AGRICULTURAL SALES				NON-AGRICULTURAL SALES				TOTAL AG & NON-AG SALES OCTOBER-DECEMBER	
	U.S. & CANADA		EXPORTS		U.S. & CANADA		EXPORTS			
	1989	OCT-DEC 1988	1989	OCT-DEC 1988	1989	OCT-DEC 1988	1989	OCT-DEC 1988	1989	1988
MURIATE										
Standard	34,335	38,725	51,219	59,448	33,187	29,291	(2,136)	1,141	116,605	128,605
Chemical	-	-	-	-	3,129	2,383	348	989	3,477	3,372
Coarse	33,640	33,316	4,667	4,054	-	-	-	-	38,307	37,370
Granular	152,996	98,712	11,297	27,244	-	-	-	-	164,293	125,956
Soluble	6,907	10,103	-	-	1,243	2,758	-	-	8,150	12,861
Sulphates	51,944	44,685	40,300	10,712	2,079	1,807	102	44	94,425	57,248
TOTAL	279,822	225,541	107,483	101,458	39,638	36,239	(1,686)	2,174	425,257	365,412

Note: Exports are listed on reverse.

P8720-2

POTASH & PHOSPHATE INSTITUTE

CALENDAR YEAR POTASH REPORT SUMMARY

(Short Tons K2O)

CALENDAR YEARS 1989 AND 1988

	CANADIAN PRODUCERS			UNITED STATES PRODUCERS			TOTAL CANADIAN & U.S. PRODUCERS		
	1989	1988	Change	1989	1988	Change	1989	1988	Change
Beginning Inventory	1,495,149	1,251,312	19.5%	265,021	160,182	65.4%	1,760,170	1,411,494	24.7%
(+) Production	8,113,077	9,179,244	-11.6%	1,741,115	1,609,956	8.1%	9,854,192	10,789,200	-8.7%
(-) Ending Inventory	1,759,494	1,495,149	17.7%	333,961	265,021	26.0%	2,093,455	1,760,170	18.9%
(=) Total Disappearance	7,848,732	8,935,407	-12.2%	1,672,175	1,505,117	11.1%	9,520,907	10,440,524	-8.8%
(-) Exports	3,222,644	4,180,406	-22.9%	518,309	500,852	3.5%	3,740,953	4,681,258	-20.1%
(=) Disappearance-Canada & United States	4,626,088	4,755,001	-2.7%	1,153,866	1,004,265	14.9%	5,779,954	5,759,266	.4%

POTASH & PHOSPHATE INSTITUTE
REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES
TOTAL BY U. S. AND CANADIAN PRODUCERS
(Short Tons K2O)

CALENDAR YEARS 1989 AND 1988

	PRODUCTION		ENDING INVENTORY, December 31				DISAPPEARANCE	
	1989	1988	1989	1988	1987	1986	1989	1988
MURIATE								
Special Standard	202,919	242,072	32,441	23,703	45,890	30,791	194,181	264,259
Standard	2,947,625	3,453,913	708,222	455,647	486,230	567,142	2,695,050	3,484,496
Chemical	98,390	99,179	11,318	7,434	7,384	8,855	94,506	99,129
Coarse	2,485,573	2,828,646	476,178	574,156	315,732	524,649	2,583,551	2,570,222
Granular	3,049,268	3,142,401	623,464	501,649	426,947	655,016	2,927,453	3,067,699
Soluble	730,698	761,804	146,709	133,276	88,157	236,628	717,265	716,685
Sulphates	339,719	261,185	95,123	64,305	41,154	77,458	308,901	238,034
TOTAL:	9,854,192	10,789,200	2,093,455	1,760,170	1,411,494	2,100,539	9,520,907	10,440,524

	AGRICULTURAL SALES				NON-AGRICULTURAL SALES				TOTAL AG & NON-AG SALES	
	U.S. & CANADA		EXPORTS		U.S. & CANADA		EXPORTS			
	1989	1988	1989	1988	1989	1988	1989	1988	1989	1988
MURIATE										
Special Std	116	28	199,498	227,243	-	-	-	-	199,614	227,271
Standard	342,512	294,973	2,192,597	3,018,178	273,437	263,805	4,657	4,214	2,813,203	3,581,170
Chemical	-	-	-	-	75,732	70,653	4,982	4,106	80,714	74,759
Coarse	2,352,230	2,475,224	324,458	238,508	-	-	-	-	2,676,688	2,713,732
Granular	2,044,374	1,936,602	671,817	854,278	-	-	-	-	2,716,191	2,790,880
Soluble	382,819	382,091	98,895	120,239	129,607	117,178	122,839	121,043	734,160	740,551
Sulphates	180,062	155,182	121,064	93,320	6,970	7,628	146	129	308,242	256,259
TOTAL:	5,302,113	5,244,100	3,608,329	4,551,766	485,746	459,264	132,624	129,492	9,528,812	10,384,622

Note: Exports are listed on reverse.

POTASH & PHOSPHATE INSTITUTE
EXPORT SALES - CANADIAN PRODUCERS - (Short Tons K2O)

CALENDAR YEAR 1989

AGRICULTURAL	STANDARD	COARSE	GRANULAR	SOLUBLE	TOTAL
Australia	5,723	24,312	148,855	0	178,888
Bangladesh	41,964	0	0	0	41,964
Belgium	0	0	13,648	0	13,648
Brazil	96,351	159,042	170,846	0	422,239
Chile	66,539	0	0	0	66,539
China	57,569	0	19,051	0	581,619
Columbia	3,771	16,707	19,102	0	39,580
Costa Rica	7,219	0	661	0	7,880
Denmark	63,809	0	0	0	63,809
France	60,644	0	0	0	60,644
Guatemala	6,799	0	6,917	0	13,716
Holland	0	0	28,326	0	28,326
India	168,638	0	0	3,579	172,217
Indonesia	79,638	0	0	0	79,638
Ireland	0	0	2,719	0	2,719
Italy	808	0	0	0	808
Jamaica	0	4,172	4,524	0	8,696
Japan	36,857	54,227	64,592	90,971	156,163
Korea	258,212	0	0	0	258,212
Malaysia	214,185	0	0	0	214,185
Mexico	14,531	0	0	0	14,531
New Zealand	55,148	16,709	24,088	720	95,665
Nigeria	28,995	0	0	0	28,995
Norway	10,692	0	0	0	10,692
Peru	7,220	0	0	0	7,220
Philippines	35,382	0	0	0	35,382
Puerto Rico	0	1,091	0	0	1,091
South Africa	7,822	0	7,531	0	15,353
Spain	0	0	3,982	0	3,982
Sri Lanka	36,212	0	0	0	36,212
Switzerland	131,491	0	10,616	0	142,107
Taiwan	59,650	0	0	3,612	63,262
Thailand	9,136	0	0	0	9,136
Venezuela	13,889	0	6,596	0	20,485
TOTAL AG:	2,202,609	271,058	523,054	98,882	3,095,603
NON-AGRICULTURAL					
Italy	0	-	-	25,826	25,826
Japan	1,768	-	-	59,217	60,985
Korea	1,198	-	-	29,515	30,713
New Zealand	48	-	-	0	48
Pakistan	38	-	-	0	38
Taiwan	624	-	-	8,281	8,905
United Kingdom	526	-	-	0	526
TOTAL NON-AG:	4,202	-	-	122,839	127,041
TOTAL EXPORTS	2,206,811	271,058	523,054	221,721	3,222,644

POTASH & PHOSPHATE INSTITUTE
EXPORT SALES - U. S. PRODUCERS - (SHORT TONS K2O)

CALENDAR YEAR 1989

[illegible]CULTURAL	STANDARD	COARSE	GRANULAR	SOLUBLE	SULPHATES	TOTAL
[illegible]ntina	0	2,467	3,369	0	1,053	6,889
[illegible]ralia	0	0	0	0	5,673	5,673
[illegible]zil	0	0	1,843	0	102	1,945
[illegible]ada	53,707	27,858	93,460	0	598	175,623
[illegible]le	2,777	1,646	0	0	10,729	15,152
China	3,319	0	0	1	26,526	29,845
Colombia	36,836	11,023	0	0	1,993	49,852
Costa Rica	14,539	667	5,937	0	6,250	27,393
Dom. Republic	3,701	336	29,993	13	1,287	35,330
Ecuador	7,005	3,972	0	0	727	11,704
French Guiana	297	0	0	0	97	394
Honduras	5,066	0	0	0	485	5,551
Japan	16,998	0	7,294	0	32,503	56,795
Martinique	463	0	1,190	0	0	1,653
Mexico	36,735	0	0	0	15,874	52,609
New Zealand	0	0	0	0	202	202
Panama	0	0	1,414	0	282	1,696
Peru	8,043	0	0	0	9,304	17,347
Puerto Ric[illegible]	0	5,431	0	0	297	5,728
Sri Lanka	0	0	0	0	266	266
Taiwan	0	0	0	0	60	60
Thailand	0	0	0	0	969	969
Venezuela	0	0	4,263	0	5,787	10,050
TOTAL AG:	189,486	53,400	148,763	13	121,064	512,726
NON-AGRICULTURAL						
Argentina	101	-	-	0	0	101
Australia	0	-	-	0	71	71
Japan	36	-	-	0	0	36
Mexico	4,656	-	-	0	75	4,731
Puerto Rico	9	-	-	0	0	9
Sweden	635	-	-	0	0	635
TOTAL NON-AG:	5,437	-	-	0	146	5,583
TOTAL EXPORTS	194,923	53,400	148,763	13	121,210	518,309

POTASH & PHOSPHATE INSTITUTE

DOMESTIC POTASH SALES - NORTH AMERICAN PRODUCERS - (Short Tons K2O) 88720-2

CALENDAR YEAR 1989

AGRICULTURAL	STANDARD	COARSE	GRANULAR	SOLUBLE	SULPHATES	TOTAL
AL Alabama	6,617	28,342	19,161	5,164	4,534	63,818
AK Alaska	44	305	1,382	0	4	1,735
AZ Arizona	728	266	963	213	924	3,094
AR Arkansas	697	0	54,324	7,976	349	63,346
CA California	31,094	18,129	13,070	1,393	14,647	78,333
CO Colorado	3,176	44	6,354	555	786	10,915
CT Connecticut	0	5,350	1,031	29	296	6,706
DE Delaware	1,615	303	15,528	828	460	18,734
FL Florida	60,420	31,941	21,427	12,757	44,040	170,585
GA Georgia	19,622	13,402	62,183	18,582	13,955	128,744
HI Hawaii	0	8,326	20	0	996	9,342
ID Idaho	2,378	13,437	9,557	276	573	26,221
IL Illinois	15,742	504,654	78,408	53,339	2,348	654,491
IN Indiana	12,145	256,160	57,425	38,917	2,718	367,365
IA Iowa	1,655	315,047	139,191	71,045	624	527,562
KS Kansas	3,791	8,709	31,508	6,300	1,143	51,451
KY Kentucky	996	96,456	20,707	154	7,659	125,972
LA Louisiana	18,923	19,568	101,651	4,231	191	144,564
ME Maine	0	555	2,755	140	429	3,879
MD Maryland	1,543	119	20,692	8,348	248	30,950
MA Massachusetts	0	492	1,028	974	264	2,758
MI Michigan	1,711	156,174	68,694	2,520	2,143	231,242
MN Minnesota	736	128,465	228,524	13,653	4,631	376,009
MS Mississippi	6,958	13,127	7,868	7,640	533	36,126
MO Missouri	17,687	29,038	217,910	34,775	1,771	301,181
MT Montana	36	1,178	10,973	478	3	12,668
NE Nebraska	2,445	5,137	13,836	9,201	5,331	35,950
NV Nevada	0	17	0	0	3	20
NH New Hampshire	0	0	860	0	0	860
NJ New Jersey	0	1,207	3,251	1,068	283	5,809
NM New Mexico	3,597	16	4,194	348	1,847	10,002
NY New York	2,223	9,825	35,622	3,526	1,867	53,063
NC North Carolina	15,888	11,278	32,846	10,010	9,462	79,484
ND North Dakota	0	8,529	21,387	440	0	30,356
OH Ohio	35,555	244,457	98,113	13,575	7,664	399,364
OK Oklahoma	3,335	1,860	19,131	417	640	25,383
OR Oregon	1,570	7,523	17,384	1,574	1,109	29,160
PA Pennsylvania	4,597	3,362	44,323	4,334	2,783	59,399
RI Rhode Island	0	0	1,311	250	602	2,163
SC South Carolina	5,603	8,164	48,850	2,875	5,059	70,551
SD South Dakota	0	8,184	7,313	1,784	0	17,281
TN Tennessee	2,740	52,171	28,574	3,573	2,442	89,500
TX Texas	13,144	20,280	88,179	12,164	10,648	144,415
UT Utah	14,227	200	2,542	0	571	17,540
VT Vermont	0	0	3,658	125	224	4,007
VA Virginia	8,958	2,145	58,193	9,277	4,601	83,174
WA Washington	5,120	10,785	24,049	2,935	1,425	44,314
WV West Virginia	1,466	3,031	5,188	577	603	10,865
WI Wisconsin	12,689	196,313	74,670	7,324	3,814	294,810
WY Wyoming	78	516	1,509	0	115	2,218
TOTAL U.S.:	341,549	2,244,587	1,827,317	376,664	167,362	4,957,479
CANADA						
AB Alberta	142	109	34,268	1,842	69	36,430
BC Brit. Columbia	0	47	5,856	32	404	6,339
MB Manitoba	0	3,675	19,239	2,109	0	25,023
NB New Brunswick	0	3,885	7,568	32	595	12,080
NF Newfoundland	0	0	0	0	0	0
NS Nova Scotia	0	1,080	4,926	0	116	6,122
ON Ontario	465	95,683	52,140	2,017	5,129	155,434
PE Pr.Edward Isle	0	144	7,663	0	192	7,999
PQ Quebec	435	2,884	73,633	55	6,195	83,202
SK Saskatchewan	37	136	11,764	68	0	12,005
TOTAL CAN:	1,079	107,643	217,057	6,155	12,700	344,634
TOTAL DOMESTIC	342,628	2,352,230	2,044,374	382,819	180,062	5,302,113
EXPORT SALES:	2,392,095	324,458	671,817	98,895	121,064	3,608,329
TOTAL AG SALES	**2,734,723**	**2,676,688**	2,716,191	**481,714**	**301,126**	**8,910,442**

Non-agricultural domestic sales shown on reverse. --- revised 3/90.

POTASH & PHOSPHATE INSTITUTE

DOMESTIC POTASH SALES - NORTH AMERICAN PRODUCERS - (Short Tons K2O)

CALENDAR YEAR 1989 --- this section revised, 3/90.

	NON-AGRICULTURAL	STANDARD	COARSE	GRANULAR	SOLUBLE	SULPHATES	TOTAL
*	AL Alabama	101,715	-	-	30,030	0	131,745
	AK Alaska	0	-	-	0	0	0
	AZ Arizona	1,808	-	-	0	120	1,928
	AR Arkansas	27	-	-	14	72	113
	CA California	6,926	-	-	(21)	634	7,539
*	CO Colorado	1,112	-	-	53	24	1,189
	CT Connecticut	126	-	-	0	0	126
	DE Delaware	22,254	-	-	24,441	350	47,045
	FL Florida	350	-	-	125	350	825
	GA Georgia	1,965	-	-	1	477	2,443
	HI Hawaii	0	-	-	0	0	0
	ID Idaho	962	-	-	0	11	973
*	IL Illinois	1,117	-	-	1,014	39	2,170
*	IN Indiana	944	-	-	660	240	1,844
*	IA Iowa	2,156	-	-	118	147	2,421
	KS Kansas	1,412	-	-	137	134	1,683
*	KY Kentucky	12	-	-	726	0	738
	LA Louisiana	2,790	-	-	479	61	3,330
	ME Maine	605	-	-	0	0	605
	MD Maryland	196	-	-	0	217	413
	MA Massachusetts	250	-	-	397	101	748
*	MI Michigan	1,900	-	-	5,037	60	6,997
*	MN Minnesota	5,485	-	-	78	10	5,573
	MS Mississippi	44,679	-	-	65	0	44,744
*	MO Missouri	3,039	-	-	176	694	3,909
	MT Montana	165	-	-	22	50	237
	NE Nebraska	1,136	-	-	42	5	1,183
	NV Nevada	0	-	-	0	115	115
	NH New Hampshire	27	-	-	0	0	27
	NJ New Jersey	464	-	-	1,945	347	2,756
	NM New Mexico	22,463	-	-	259	436	23,158
*	NY New York	27,671	-	-	26	268	27,965
*	NC North Carolina	623	-	-	40	110	773
	ND North Dakota	0	-	-	16	0	16
*	OH Ohio	2,303	-	-	54,811	46	57,160
	OK Oklahoma	3,285	-	-	184	518	3,987
*	OR Oregon	2,626	-	-	12	12	2,650
*	PA Pennsylvania	3,019	-	-	417	93	3,529
	RI Rhode Island	0	-	-	24	0	24
	SC South Carolina	27	-	-	79	0	106
	SD South Dakota	134	-	-	0	0	134
*	TN Tennessee	2,036	-	-	356	0	2,392
*	TX Texas	24,817	-	-	4,824	923	30,564
	UT Utah	10,794	-	-	0	13	10,807
	VT Vermont	0	-	-	0	0	0
*	VA Virginia	164	-	-	81	4	249
*	WA Washington	3,639	-	-	183	6	3,828
*	WV West Virginia	18	-	-	624	0	642
*	WI Wisconsin	27,927	-	-	244	12	28,183
*	WY Wyoming	670	-	-	0	0	670
	TOTAL U.S.:	335,838	-	-	127,719	6,699	470,256
	CANADA						
	AB Alberta	1,542	-	-	204	59	1,805
	BC Brit. Columbia	53	-	-	14	35	102
	MB Manitoba	33	-	-	0	0	33
	NB New Brunswick	1,099	-	-	29	0	1,128
	NF Newfoundland	0	-	-	0	0	0
	NS Nova Scotia	0	-	-	0	0	0
	ON Ontario	6,445	-	-	421	177	7,043
	PE Pr.Edward Isle	0	-	-	0	0	0
	PQ Quebec	768	-	-	0	0	768
	SK Saskatchewan	3,391	-	-	4,819	0	8,210
	TOTAL CAN:	13,331	-	-	5,487	271	19,089
	TOTAL DOMESTIC	349,169	-	-	133,206	6,970	489,345
	EXPORT SALES:	9,639	-	-	122,839	146	132,624
	TOTAL NON-AG	358,808	-	-	256,045	7,116	621,969
	GRAND TOTAL	3,093,531	2,676,688	2,716,191	737,759	308,242	9,532,411

* indicates states affected by revision, 3/90. Totals by grade and grand total are not changed.

POTASH & PHOSPHATE INSTITUTE
REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES
BY CANADIAN PRODUCERS
(Short Tons K2O)

CALENDAR YEARS 1989 AND 1988

	PRODUCTION		ENDING INVENTORY, December 31				DISAPPEARANCE	
	1989	1988	1989	1988	1987	1986	1989	1988
MURIATE								
Special Standard	202,919	242,072	32,441	23,703	45,890	30,791	194,181	264,259
Standard	2,492,011	2,965,572	616,825	348,772	437,747	405,484	2,223,958	3,054,547
Chemical	88,859	89,291	10,089	5,762	6,254	4,030	84,532	89,783
Coarse	2,316,267	2,666,510	455,203	553,613	312,197	506,012	2,414,677	2,425,094
Granular	2,322,740	2,509,527	503,993	437,645	362,410	511,951	2,256,392	2,434,292
Soluble	690,281	706,272	140,943	125,654	86,814	235,496	674,992	667,432
TOTAL:	8,113,077	9,179,244	1,759,494	1,495,149	1,251,312	1,693,794	7,848,732	8,935,407

	AGRICULTURAL SALES				NON-AGRICULTURAL SALES				TOTAL AG & NON-AG SALES	
	U.S. & CANADA		EXPORTS		U.S. & CANADA		EXPORTS			
	1989	1988	1989	1988	1989	1988	1989	1988	1989	1988
MURIATE										
Special Std	116	28	199,498	227,243	-	-	-	-	199,614	227,271
Standard	194,750	167,700	2,003,111	2,852,666	146,127	139,275	12	(23)	2,344,000	3,159,618
Chemical	-	-	-	-	65,849	63,092	4,190	2,761	70,039	65,853
Coarse	2,242,744	2,350,689	271,058	219,564	-	-	-	-	2,513,802	2,570,253
Granular	1,511,165	1,514,176	523,054	637,240	-	-	-	-	2,034,219	2,151,416
Soluble	346,218	342,376	98,882	120,186	123,653	105,410	122,839	120,769	691,592	688,741
TOTAL:	4,294,993	4,374,969	3,095,603	4,056,899	335,629	307,777	127,041	123,507	7,853,266	8,863,152

Note: Exports are listed on reverse.

POTASH & PHOSPHATE INSTITUTE
REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES
BY U. S. PRODUCERS
(Short Tons K2O)

CALENDAR YEARS 1989 AND 1988

	PRODUCTION		ENDING INVENTORY, December 31				DISAPPEARANCE	
	1989	1988	1989	1988	1987	1986	1989	1988
MURIATE								
Standard	455,614	488,341	91,397	106,875	48,483	161,658	471,092	429,949
Chemical	9,531	9,888	1,229	1,672	1,130	4,825	9,974	9,346
Coarse	169,306	162,136	20,975	20,543	3,535	18,607	168,874	145,128
Granular	726,528	632,874	119,471	64,004	64,537	143,065	671,061	633,407
Soluble	40,417	55,532	5,766	7,622	1,343	1,132	42,273	49,253
Sulphates	339,719	261,185	95,123	64,305	41,154	77,458	308,901	238,034
TOTAL:	1,741,115	1,609,956	333,961	265,021	160,182	406,745	1,672,175	1,505,117

	AGRICULTURAL SALES				NON-AGRICULTURAL SALES				TOTAL AG & NON-AG SALES	
	U.S. & CANADA		EXPORTS		U.S. & CANADA		EXPORTS			
	1989	1988	1989	1988	1989	1988	1989	1988	1989	1988
MURIATE										
Standard	147,762	127,273	189,486	165,512	127,310	124,530	4,645	4,237	469,203	421,552
Chemical	-	-	-	-	9,883	7,561	792	1,345	10,675	8,906
Coarse	109,486	124,535	53,400	18,944	-	-	-	-	162,886	143,479
Granular	533,209	422,426	148,763	217,038	-	-	-	-	681,972	639,464
Soluble	36,601	39,715	13	53	5,954	11,768	-	274	42,568	51,810
Sulphates	180,062	155,182	121,064	93,320	6,970	7,628	146	129	308,242	256,259
TOTAL:	1,007,120	869,131	512,726	494,867	150,117	151,487	5,583	5,985	1,675,546	1,521,470

Note: Exports are listed on reverse.

POTASH & PHOSPHATE INSTITUTE

DOMESTIC POTASH SALES - CANADIAN PRODUCERS - (Short Tons K2O)

CALENDAR YEAR 1989

AGRICULTURAL	STANDARD	COARSE	GRANULAR	SOLUBLE	TOTAL
AL Alabama	1,986	26,761	18,222	4,931	51,900
AK Alaska	0	305	120	0	425
AZ Arizona	0	0	0	0	0
AR Arkansas	0	0	2,724	2,758	5,482
CA California	0	0	1,483	1,393	2,876
CO Colorado	0	0	33	64	97
CT Connecticut	0	5,350	1,031	29	6,410
DE Delaware	1,615	0	15,512	828	18,258
FL Florida	47,873	11,294	34,900	12,623	106,690
GA Georgia	17,664	13,402	60,142	19,291	110,503
HI Hawaii	0	8,077	20	0	8,097
ID Idaho	264	2,836	4,237	276	7,613
IL Illinois	7,308	493,211	37,151	53,278	589,548
IN Indiana	4,267	252,434	42,729	36,378	335,808
IA Iowa	264	303,807	108,080	70,854	482,910
KS Kansas	0	269	2,325	1,955	4,549
KY Kentucky	388	95,671	5,166	154	101,979
LA Louisiana	16,260	17,947	76,237	1,185	111,429
ME Maine	0	521	2,755	61	3,337
MD Maryland	1,883	119	20,692	8,348	30,702
MA Massachusetts	0	492	1,028	974	2,494
MI Michigan	1,711	156,174	66,970	2,520	227,375
MN Minnesota	720	128,228	226,965	13,472	369,385
MS Mississippi	0	13,097	1,759	7,536	22,392
MO Missouri	2,833	15,798	77,549	28,748	123,928
MT Montana	0	1,156	10,856	478	12,490
NE Nebraska	0	4,374	4,101	8,362	17,437
NV Nevada	0	0	0	0	0
NH New Hampshire	0	0	860	0	860
NJ New Jersey	0	1,207	3,251	1,068	5,526
NM New Mexico	0	0	0	0	0
NY New York	2,223	9,825	35,622	3,526	51,196
NC North Carolina	15,670	13,278	32,455	9,996	69,399
ND North Dakota	0	8,500	21,387	440	30,327
OH Ohio	35,539	241,742	94,455	13,575	385,311
OK Oklahoma	0	0	1,146	0	1,146
OR Oregon	27	5,898	12,376	1,574	19,875
PA Pennsylvania	4,556	3,362	43,219	4,334	55,471
RI Rhode Island	0	0	1,311	250	1,561
SC South Carolina	5,603	8,164	47,780	2,875	64,422
SD South Dakota	0	8,168	7,283	1,784	17,235
TN Tennessee	426	52,110	25,650	3,530	81,716
TX Texas	0	14	305	377	696
UT Utah	0	52	59	0	111
VT Vermont	0	0	3,658	125	3,783
VA Virginia	7,991	2,145	57,675	9,277	77,088
WA Washington	5,090	10,636	22,986	2,935	41,647
WV West Virginia	1,466	3,031	5,188	577	10,262
WI Wisconsin	12,689	196,313	74,592	7,324	290,918
WY Wyoming	0	430	311	0	741
TOTAL U.S.:	194,085	2,135,101	1,294,156	340,063	3,963,405
CANADA					
AB Alberta	142	109	34,268	1,842	36,361
BC Brit. Columbia	0	47	5,856	32	5,935
MB Manitoba	0	3,675	19,239	2,109	25,023
NB New Brunswick	0	3,885	7,568	32	11,485
NF Newfoundland	0	0	0	0	0
NS Nova Scotia	0	1,080	4,926	0	6,006
ON Ontario	465	95,683	52,092	2,017	150,257
PE Pr.Edward Isle	0	144	7,663	0	7,807
PQ Quebec	137	2,284	73,633	55	76,709
SK Saskatchewan	37	136	11,764	68	12,005
TOTAL CAN:	781	107,643	217,009	6,155	331,588
TOTAL DOMESTIC	194,866	2,242,744	1,511,165	346,218	4,294,993
EXPORT SALES:	2,202,609	271,058	523,054	98,882	3,095,603
TOTAL AG SALES	2,397,475	2,513,802	2,034,219	445,100	7,390,596

Non-agricultural domestic sales shown on reverse. ----- revised 3/90.

POTASH & P SPHATE INSTITUTE

DOMESTIC POTASH SALES - CAN DIAN PRODUCERS - (Short Tons K2O)

CALENDAR YEAR 1989 --- this section revised 3/90.

	NON-AGRICULTURAL	STANDARD	COARSE	GRANULAR	SOLUBLE	TOTAL
*	AL Alabama	101,655	-	-	30,016	131,671
	AK Alaska	0	-	-	0	0
	AZ Arizona	13	-	-	0	13
	AR Arkansas	0	-	-	0	0
	CA California	92	-	-	0	92
*	CO Colorado	5	-	-	41	46
	CT Connecticut	39	-	-	0	39
*	DE Delaware	18,741	-	-	24,441	43,182
	FL Florida	94	-	-	125	219
	GA Georgia	13	-	-	1	14
	HI Hawaii	0	-	-	0	0
	ID Idaho	0	-	-	0	0
*	IL Illinois	842	-	-	1,014	1,856
*	IN Indiana	919	-	-	660	1,579
*	IA Iowa	1,472	-	-	318	1,790
	KS Kansas	0	-	-	0	0
*	KY Kentucky	0	-	-	590	590
	LA Louisiana	0	-	-	0	0
	ME Maine	37	-	-	0	370
	MD Maryland	196	-	-	0	196
	MA Massachusetts	0	-	-	246	246
*	MI Michigan	1,900	-	-	5,037	6,937
*	MN Minnesota	5,477	-	-	78	5,555
	MS Mississippi	0	-	-	0	0
*	MO Missouri	2,777	-	-	48	2,825
	MT Montana	165	-	-	22	187
	NE Nebraska	0	-	-	42	42
	NV Nevada	0	-	-	0	0
	NH New Hampshire	27	-	-	0	27
	NJ New Jersey	117	-	-	1,945	2,062
	NM New Mexico	0	-	-	0	0
*	NY New York	27,561	-	-	26	27,587
*	NC North Carolina	0	-	-	40	40
	ND North Dakota	0	-	-	16	16
*	OH Ohio	2,175	-	-	54,811	56,986
	OK Oklahoma	0	-	-	0	0
*	OR Oregon	2,519	-	-	12	2,531
*	PA Pennsylvania	2,053	-	-	375	2,428
	RI Rhode Island	0	-	-	10	10
	SC South Carolina	0	-	-	13	13
	SD South Dakota	67	-	-	0	67
*	TN Tennessee	311	-	-	347	658
*	TX Texas	138	-	-	559	697
	UT Utah	0	-	-	0	0
	VT Vermont	0	-	-	0	0
*	VA Virginia	146	-	-	81	227
*	WA Washington	788	-	-	183	971
*	WV West Virginia	18	-	-	624	642
*	WI Wisconsin	27,677	-	-	244	27,921
*	WY Wyoming	78	-	-	0	78
	TOTAL U.S.:	198,645	-	-	121,765	320,410
	CANADA					
	AB Alberta	1,646	-	-	204	1,850
	BC Brit. Columbia	53	-	-	14	67
	MB Manitoba	33	-	-	0	33
	NB New Brunswick	1,099	-	-	29	1,128
	NF Newfoundland	0	-	-	0	0
	NS Nova Scotia	0	-	-	0	0
	ON Ontario	6,884	-	-	434	7,318
	PE Pr.Edward Isle	0	-	-	0	0
	PQ Quebec	808	-	-	0	808
	SK Saskatchewan	2,808	-	-	1,207	4,015
	TOTAL CAN:	13,331	-	-	1,888	15,219
	TOTAL DOMESTIC	211,976	-	-	123,653	335,629
	EXPORT SALES:	4,202	-	-	122,839	127,041
	TOTAL NON-AG	216,178	-	-	246,492	462,670
	GRAND TOTAL	2,613,653	2,513,802	2,034,219	691,592	7,853,266

* Indicates states affected by revision, 3/90. Totals by grade and grand total are not changed.

POTASH & PHOSPHATE INSTITUTE

DOMESTIC POTASH SALES - U. S. PRODUCERS - (Short Tons K2O)

CALENDAR YEAR 1989

	AGRICULTURAL	STANDARD	COARSE	GRANULAR	SOLUBLE	SULPHATES	TOTAL
	Alabama	6	-	-	14	0	74
	Alaska		-	-	0	0	0
	Arizona	1,279	-	-	0	320	1,419
	Arkansas	0	-	-	14	72	113
	California	6,814	-	-	(21)	634	7,447
	Colorado	1,119	-	-	22	24	1,143
	Connecticut	87	-	-	0	0	87
DE	Delaware	0	-	-	0	35	3,863
FL	Florida	234	-	-	0	35	606
GA	Georgia	1,952	-	-	0	477	2,429
ID	Idaho	0	-	-	0	0	0
IL	Illinois	962	-	-	0	11	973
IN	Indiana	275	-	-	0	39	314
IA	Iowa	25	-	-	0	240	265
KS	Kansas	484	-	-	0	147	631
KY	Kentucky	1,449	-	-	10	234	1,693
LA	Louisiana	12	-	-	136	0	148
ME	Maine	2,878	-	-	479	61	3,337
MD	Maryland	0	-	-	0	0	235
MA	Massachusetts	0	-	-	0	217	217
MI	Michigan	0	-	-	151	351	502
MN	Minnesota	0	-	-	0	60	60
MS	Mississippi	0	-	-	0	18	18
MO	Missouri	43,572	-	-	65	0	44,744
MT	Montana	161	-	-	123	694	1,084
NE	Nebraska	0	-	-	0	50	50
NV	Nevada	1,016	-	-	0	0	1,141
NH	New Hampshire	0	-	-	0	125	125
NJ	New Jersey	0	-	-	0	0	0
NM	New Mexico	22	-	-	0	347	694
NY	New York	22,361	-	-	259	436	23,158
NY	New York	0	-	-	0	268	378
NC	North Carolina	623	-	-	0	110	733
ND	North Dakota	0	-	-	0	0	0
OH	Ohio	128	-	-	0	46	174
OK	Oklahoma	3,295	-	-	184	518	3,987
OR	Oregon	107	-	-	0	12	119
PA	Pennsylvania	966	-	-	42	93	1,101
RI	Rhode Island	0	-	-	14	0	14
SC	South Carolina	27	-	-	66	0	93
SD	South Dakota	67	-	-	0	0	67
TN	Tennessee	1,725	-	-	9	0	1,734
TX	Texas	24,674	-	-	4,269	923	29,867
UT	Utah	10,794	-	-	0	13	10,807
VT	Vermont	0	-	-	0	0	0
VA	Virginia	18	-	-	0	4	22
WA	Washington	2,851	-	-	0	6	2,857
WV	West Virginia	0	-	-	0	0	0
WI	Wisconsin	250	-	-	0	12	262
WY	Wyoming	592	-	-	0	0	592
	TOTAL U.S.:	137,193	-	-	5,954	6,699	149,846
	CANADA						
AB	Alberta	0	-	-	0	59	59
BC	Brit. Columbia	0	-	-	0	35	35
MB	Manitoba	0	-	-	0	0	0
NB	New Brunswick	0	-	-	0	0	0
NF	Newfoundland	0	-	-	0	0	0
NS	Nova Scotia	0	-	-	0	0	0
ON	Ontario	0	-	-	0	177	177
PE	Pr.Edward Isle	0	-	-	0	0	0
PQ	Quebec	0	-	-	0	0	0
SK	Saskatchewan	0	-	-	0	0	0
	TOTAL CAN:	0	-	-	0	271	271
	TOTAL DOMESTIC	137,193	-	-	5,954	6,970	150,117
	EXPORT SALES:	5,437	-	-	0	146	5,583
	TOTAL NON-AG	142,630	-	-	5,954	7,116	155,700
	GRAND TOTAL	479,878	162,886	681,972	42,568	308,242	1,675,546

POTASH & PHOSPHATE INSTITUTE

DOMESTIC POTASH SALES - U. S. PRODUCERS - (Short Tons K2O)

CALENDAR YEAR 1989

AGRICULTURAL	STANDARD	COARSE	GRANULAR	SOLUBLE	SULPHATES	TOTAL
AL Alabama	4,631	1,581	939	233	4,534	11,918
AK Alaska	44	0	1,262	0	4	1,310
AZ Arizona	728	266	963	213	924	3,094
AR Arkansas	697	0	51,600	5,218	349	57,864
CA California	31,094	18,129	11,587	0	14,647	75,457
CO Colorado	3,176	44	6,321	491	786	10,818
CT Connecticut	0	0	0	0	296	296
DE Delaware	0	0	16	0	460	476
FL Florida	12,547	647	6,527	134	44,040	63,895
GA Georgia	1,954	0	2,041	291	13,955	18,241
HI Hawaii	0	249	0	0	996	1,245
ID Idaho	2,114	10,601	5,320	0	573	18,608
IL Illinois	9,834	11,443	41,257	61	2,348	64,943
IN Indiana	7,878	3,726	14,696	2,539	2,718	31,557
IA Iowa	1,486	11,240	31,111	191	624	44,652
KS Kansas	3,791	8,440	29,183	4,345	1,143	46,902
KY Kentucky	8	785	15,541	0	7,659	23,993
LA Louisiana	2,662	1,621	25,614	3,046	191	33,135
ME Maine	0	34	0	79	429	542
MD Maryland	0	0	0	0	248	248
MA Massachusetts	0	0	0	0	264	264
MI Michigan	0	0	1,724	0	2,143	3,867
MN Minnesota	16	237	1,559	181	4,631	6,624
MS Mississippi	6,958	30	6,109	104	533	13,734
MO Missouri	15,854	13,240	140,361	6,027	1,771	177,253
MT Montana	36	22	117	0	3	178
NE Nebraska	2,445	163	9,735	839	5,331	18,513
NV Nevada	0	17	0	0	3	20
NH New Hampshire	0	0	0	0	0	0
NJ New Jersey	0	0	0	0	283	283
NM New Mexico	3,597	16	4,194	348	1,847	10,002
NY New York	0	0	0	0	1,867	1,867
NC North Carolina	218	0	391	14	9,462	10,085
ND North Dakota	0	29	0	0	0	29
OH Ohio	16	2,715	3,658	0	7,664	14,053
OK Oklahoma	3,335	1,860	17,985	417	640	24,237
OR Oregon	1,543	1,625	5,008	0	1,109	9,285
PA Pennsylvania	41	0	1,104	0	2,783	3,928
RI Rhode Island	0	0	0	0	602	602
SC South Carolina	0	0	1,070	0	5,059	6,129
SD South Dakota	0	16	30	0	0	46
TN Tennessee	2,314	61	2,924	43	2,442	7,784
TX Texas	13,144	20,266	87,874	11,787	10,648	143,719
UT Utah	14,227	148	2,483	0	571	17,429
VT Vermont	0	0	0	0	224	224
VA Virginia	967	0	518	0	4,601	6,086
WA Washington	30	149	1,063	0	1,425	2,667
WV West Virginia	0	0	0	0	603	603
WI Wisconsin	0	0	78	0	3,814	3,892
WY Wyoming	78	86	1,198	0	115	1,477
TOTAL U.S.:	147,464	109,486	533,161	36,601	167,362	994,074
CANADA						
AB Alberta	0	0	0	0	69	69
BC Brit. Columbia	0	0	0	0	404	404
MB Manitoba	0	0	0	0	0	0
NB New Brunswick	0	0	0	0	595	595
NF Newfoundland	0	0	0	0	0	0
NS Nova Scotia	0	0	0	0	116	116
ON Ontario	0	0	48	0	5,129	5,177
PE Pr.Edward Isle	0	0	0	0	192	192
PQ Quebec	298	0	0	0	6,195	6,493
SK Saskatchewan	0	0	0	0	0	0
TOTAL CAN:	298	0	48	0	12,700	13,046
TOTAL DOMESTIC	147,762	109,486	533,209	36,601	180,062	1,007,120
EXPORT SALES:	189,486	53,400	148,763	13	121,064	512,726
TOTAL AG SALES	**337,248**	**162,886**	**681,972**	**36,614**	**301,126**	**1,519,846**

Non-agricultural domestic sales shown on reverse.